Message

From: ZIFF, SARA [ZIFF.SARA@EPA.GOV]
Sent: 10/28/2015 11:41:40 PM
To: Armann, Steve [Armann.Steve@epa.gov]; Baylor, Katherine [Baylor.Katherine@epa.gov]; Wilson, Patrick [Wilson.Patrick@epa.gov]
Subject: FW: Draft Riverside Ag Sampling Report - Attorney Client Deliebrative Process
Attachments: Riverside Ag Sampling Report MTA 1025.docx

DTSC forwarded a draft of their report on the last round of sampling in preparation for the Thursday call with Penny.

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From: Tasnif-abbasi, Maryam@DTSC [mailto:Maryam.Tasnif-abbasi@dtsc.ca.gov]
Sent: Wednesday, October 28, 2015 11:25 AM
To: Alasti, Isabella@DTSC <Isabella.Alasti@dtsc.ca.gov>
Cc: ZIFF, SARA <ZIFF.SARA@EPA.GOV>
Subject: Draft Riverside Ag Sampling Report - Attorney Client Deliebrative Process

CY has proposed some changes to the latest version of the report. Including EPA in this discussion for consultation.

Thanks!
Maryam
(714) 222 3485

From: Jeng, Cy@DTSC
Sent: Tuesday, October 27, 2015 3:02 PM
To: Tasnif-abbasi, Maryam@DTSC; Alasti, Isabella@DTSC
Cc: Lofstrom, Dot@DTSC; Neal, Greg@DTSC
Subject: RE: Riverside Ag Sampling Report

Hi Maryam,

Based on our discussion after the call, The following are my suggested changes to the text on Pages 2 and 9:

~~**Differing Analytical Extraction Methodologies**~~

~~Soil samples collected during the re-confirmation sampling were analyzed for PCBs by EPA Method 8082A. The Method 8082A methodology for soil analysis of PCBs includes several extraction techniques, including Soxhlet (Methods 3540 and 3541), pressurized fluid extraction (Method 3545) and ultra-sonic (Methods 3550). It is standard procedure to request the specific analytical methodology for each sample; however, specification of the extraction method is a laboratory decision.~~

~~During the previous soil analysis work conducted at the Site, both the ultra-sonic and pressurized fluid extraction methods of extraction were utilized for different events.~~ For this most recent sampling event

DTSC's laboratory used the ultra-sonic method of extraction, and EPA's laboratory used the Soxhlet method. While both extraction methods are adequate for EPA Method 8082A, the results from the Soxhlet method, in comparison to the ultra-sonic method ~~of extraction~~, were generally higher for the co-located soil samples collected from this Site. As discussed later, additional soil sampling is being required to clarify the uncertainties raised by the variation of data from these two different extraction methods for PCBs.

Conclusions/Recommendations

The cancer and noncancer risk has been determined to be within the acceptable range for planned site use, consistent with previous findings. Further sampling is being requested to better characterize the elevated PCB concentrations detected at Grids B4 and F3 and to clarify uncertainties on data variability between the ultra-sonic and the Soxhlet extraction methods for PCBs. The developer has been asked to submit a workplan for the additional sampling.

Also, a new appendix should be added to includes EPA lab data.

CY